

Title (en)

SALTS OF BENZOTHAZOLONE COMPOUND AS BETA-2-ADRENOCEPTOR AGONIST

Title (de)

SATZE EINER BENZOTHAZOLONVERBINDUNG AS BETA-2-ADRENOCEPTOR AGONIST

Title (fr)

SEL D'UN COMPOSÉ DE BENZOTHAZOLONE COMME AGONISTE DE BETA-2-ADRENOCEPTEUR

Publication

EP 3243817 A1 20171115 (EN)

Application

EP 17171708 A 20130829

Priority

- IQ 23912 A 20120830
- EP 13812075 A 20130829

Abstract (en)

The present invention provides a compound of formula (I) in glycolate salt form a method for manufacturing the compound of the invention, and its therapeutic uses. The present invention further provides a combination of pharmacologically active agents and pharmaceutical compositions.

IPC 8 full level

A61K 31/428 (2006.01); **A61P 21/00** (2006.01); **C07D 277/68** (2006.01)

CPC (source: CN EP)

A61P 21/00 (2017.12 - EP); **C07D 277/68** (2013.01 - CN EP); **C07B 2200/13** (2013.01 - CN)

Citation (applicant)

- WO 2004016601 A1 20040226 - NOVARTIS AG [CH], et al
- WO 2006056471 A1 20060601 - NOVARTIS AG [CH], et al
- WO 2005110990 A1 20051124 - BOEHRINGER INGELHEIM INT [DE], et al
- WO 2004078163 A2 20040916 - TRANSFORM PHARMACEUTICALS INC [US], et al
- J. HALFORD; J. HARROLD: "Handb Exp Pharmacol.", 2012, pages: 349 - 56
- "Remington's Pharmaceutical Sciences", 1985, MACK PUBLISHING COMPANY
- STAHL; WERMUTH: "Handbook of Pharmaceutical Salts: Properties, Selection, and Use", 2011, WILEY-VCH
- "Remington's Pharmaceutical Sciences", 1990, MACK PRINTING COMPANY, pages: 1289 - 1329
- J PHARMACOL EXP THER., vol. 317, no. 2, May 2006 (2006-05-01), pages 762 - 70
- HOUBEN-WEYL: "Methods of Organic Synthesis", vol. 21, 1952, THIEME
- ARCH. INT. PHARMACODYN, vol. 191, 1971, pages 133 - 141

Citation (search report)

- [XP] WO 2013035047 A1 20130314 - NOVARTIS AG [CH], et al
- [ID] WO 2006056471 A1 20060601 - NOVARTIS AG [CH], et al
- [E] WO 2014132205 A1 20140904 - NOVARTIS AG [CH], et al

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

Designated extension state (EPC)

BA ME

DOCDB simple family (publication)

WO 2014033654 A1 20140306; BR 112015004127 A2 20170704; CA 2882877 A1 20140306; CL 2015000461 A1 20150504; CN 104736525 A 20150624; CN 104736525 B 20160824; CN 106146428 A 20161123; CY 1120225 T1 20181212; DK 2890687 T3 20171009; EA 029946 B1 20180629; EA 201590452 A1 20150730; EP 2890687 A1 20150708; EP 2890687 B1 20170628; EP 3243817 A1 20171115; ES 2642003 T3 20171114; HK 1206015 A1 20151231; HR P20171362 T1 20171103; HU E033655 T2 20171228; IL 237382 A0 20150430; KR 20150047586 A 20150504; LT 2890687 T 20170911; MA 37872 A1 20180731; MX 2015002656 A 20150520; MX 351741 B 20171026; MY 169038 A 20190207; NZ 705319 A 20180525; PE 20150465 A1 20150422; PL 2890687 T3 20171130; PT 2890687 T 20171005; SA 515360076 B1 20160320; SG 10201704377P A 20170629; SG 11201501293P A 20150330; SI 2890687 T1 20171030; TN 2015000058 A1 20160629

DOCDB simple family (application)

IB 2013058109 W 20130829; BR 112015004127 A 20130829; CA 2882877 A 20130829; CL 2015000461 A 20150225; CN 201380055093 A 20130829; CN 201610537241 A 20130829; CY 171100967 T 20170913; DK 13812075 T 20130829; EA 201590452 A 20130829; EP 13812075 A 20130829; EP 17171708 A 20130829; ES 13812075 T 20130829; HK 15106522 A 20150708; HR P20171362 T 20170911; HU E13812075 A 20130829; IL 23738215 A 20150223; KR 20157007573 A 20130829; LT 13812075 T 20130829; MA 37872 A 20130829; MX 2015002656 A 20130829; MY PI2015000453 A 20130829; NZ 70531913 A 20130829; PE 2015000275 A 20130829; PL 13812075 T 20130829; PT 13812075 T 20130829; SA 515360076 A 20150226; SG 10201704377P A 20130829; SG 11201501293P A 20130829; SI 201330750 T 20130829; TN 2015000058 A 20150220